

EPA ID: MAD000133496 Site Name: TITEFLEX

State ID:

Alias Site Names: TITEFLEX

City: SPRINGFIELD

County or Parish: HAMPDEN

State: MA

Refer to Report Dated: 06/21/2001

Report Type: SITE REASSESSMENT 001

Report Developed by: START

DECISION:

☒ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:☒ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)☐ 1b. Site may qualify for action, but is deferred to:☐ 2. Further Assessment Needed Under CERCLA:2a. Priority: ☐ Higher ☐ Lower

2b. Other: (recommended action) NFRAP (No Further Remedial Action Planned)

DISCUSSION/RATIONALE:

The U.S. Environmental Protection Agency (EPA) has determined that no further remedial action by the Federal Superfund program is warranted at the referenced site, at this time. The basis for the no further remedial action planned (NFRAP) determination is provided in the attached document. A NFRAP designation means that no additional remedial steps under the Federal Superfund program will be taken at the site unless new information warranting further Superfund consideration or conditions not previously known to EPA regarding the site are disclosed. In accordance with EPA's decision regarding the tracking of NFRAP sites, the referenced site may be removed from the CERCLIS database and placed in a separate archival database as a historical record if no further Superfund interest is warranted. Archived sites may be returned to the CERCLIS site inventory if new information necessitating further Superfund consideration is discovered.

An EPA contractor reviewed the last available report, contacted state and EPA representatives, and produced a fact sheet for this, and approximately 700 other Region 1 sites. This effort was entered into WasteLAN/CERCLIS as a Site Reassessment (code "OO"). For most of these sites, the entry date was August 2001. This copy is the Site Reassessment product of 2001. Subsequent changes to the site fact sheet may be made in order to keep the information current, however the revised fact sheets will only be available via the Region 1 website.

Superfund Records Center

SITE: TITEFLEXBREAK: 1.2OTHER: 606170

SEMS DocID 606170

Site Decision Made by: NANCY SMITH

Signature: Nancy Smith

Date: 08/02/2001

The Titeflex property is located at 603 Hendee Street in Springfield, Hampden County, Massachusetts. The Titeflex property is identified by the Town of Springfield Tax Assessor as Block No. 11 on Map No. 16. The 14-acre property is currently owned by TI Corporation and occupied by Titeflex. The property consists of a central main building, a second smaller building, five underground storage tanks (USTs), 20 aboveground storage tanks (ASTs), a methanol drum storage area, a hazardous waste storage area, and paved parking areas. The property is bordered to the west by a trucking company, commercial properties, and railroad tracks; to the south by the Indian Motorcycle Museum and Springfield Oil and Gas Company; to the east by Interstate 291; and to the north by commercial properties.

Prior to 1954, the property was owned by Indian Motorcycle Manufacturing. In 1954, the property was sold to Titeflex. Since 1954, Titeflex has manufactured high-pressure hoses which include Teflon hoses, stainless steel tubing, and associated fittings. Substances historically used on the property for manufacturing purposes include trichloroethylene (TCE), 1,1,1-trichloroethane (TCA), methylene chloride, freon, hydrochloric acid, hydrofluoric acid, phosphoric acid, sulfuric acid, nitric acid, sodium hydroxide, polychlorinated biphenyls (PCBs), water-soluble coolants, mineral spirits, bromoform, potassium ferrocyanide, nickel salt, petroleum naphtha, No. 6 fuel oil, No. 4 fuel oil, and waste oils, including coolant, lube, and cutting types. In 1986, oil-contaminated soils were observed during the removal of two heating oil USTs. Between 1975 and 1988, cutting oil was discharged to an on-site drainage swale via a storm drain system. In 1989, approximately 300 gallons of naphtha (Isopar G) were spilled on the southeast side of the property. As of 1998, remediation activities conducted at the property include the following: excavation of approximately 600 cubic yards of oil-contaminated soils associated with the removal of two heating oil USTs; excavation of waste cutting-oil-contaminated soils located along the drainage swale adjacent to Route 291; removal and clay-and-asphalt capping of waste-oil-contaminated soil in the former "oily metal chip shed area"; and implementation of a groundwater and soil gas monitoring program. Previous U.S. Environmental Protection Agency (EPA) investigations at the property include: a 1991 Preliminary Assessment; a 1992 Site Inspection; and a 1998 Site Inspection Prioritization.

An estimated 595 people are served by private drinking water supply wells located within 4-radial miles of the property. The nearest private drinking water supply well is located within 1-radial mile of the property. No public drinking water supply sources are located within 4-radial miles of the property. Groundwater occurs at a depth of 10.5 to 12.3 feet (ft) below ground surface (bgs) and flows to the southwest. Analytical results of groundwater samples collected from on-site monitoring wells between 1986 and 1995 indicated the presence of 13 volatile organic compounds (VOCs) which may be attributable to former on-site use of chlorinated solvents. Based on locations of nearby residential wells, no impacts to nearby groundwater drinking water sources are known or suspected.

Stormwater runoff from the property flows overland to storm drains that are connected to the town storm sewer system and that discharge to the Connecticut River, located 2.5 miles southwest of the property. There are no drinking water intakes located along the 15-mile downstream surface water pathway. A Clean Water Act (CWA)-protected water body, a fishery, approximately 1.3 miles of wetland frontage, one Federal-listed endangered species habitat, and four State-listed threatened or endangered species habitats occur along the surface water pathway. No surface water pathway samples are known to have been collected in association with the Titeflex property. Based on the distance to the nearest surface water body from the property, no impacts to downstream sensitive environments are known or suspected.

There are approximately 520 full-time employees on the property. Approximately 11,094 residents live within 1-radial mile of the property. The nearest residence is located 750 feet northwest of the property. The nearest school or daycare center is located 0.6 miles northwest of the property. Property access is restricted by a fence and gate. There are no terrestrial sensitive environments located on the property. Analytical results of surface soil samples collected from the property in 1993 indicated the presence of toluene, TCE, total petroleum hydrocarbons, cadmium, chromium, copper, lead, silver, and zinc. Remedial actions completed prior to 1998 include the removal of contaminated soils from several areas of the property. Based on site observations and property access restrictions, potential impacts to on-site workers or nearby residential populations are unknown.

An estimated 198,365 people, 945 acres of wetlands, and one Federal-listed and three State-listed endangered species habitats occur within 4-radial miles of the property. No laboratory qualitative air samples are known to have been collected from the property. Based on the available data, no impacts to on-site workers or nearby residential populations and sensitive environments from an unregulated release to air from the property are known or suspected.

In a Remedial Site Assessment Decision document dated 20 November 1998, EPA Region I determined that the property is not eligible for further consideration as an National Priorities List (NPL) candidate. No further action is anticipated by the EPA Region I Superfund Site Assessment program. The Massachusetts Department of Environmental Protection has given the Titeflex property No Further Action status indicating that response actions were conducted and MA DEP determined no further action was needed for the site.